



## ENERGY STAR® and Products for Higher Education

Amidst the current energy crisis, colleges and universities are faced with increasingly higher utility bills to operate their campuses. As part of a comprehensive strategy to reduce energy usage, your school can purchase ENERGY STAR labeled products for administrative offices, classrooms, and student housing. Incorporate ENERGY STAR specifications into your school's procurement policies to yield even more energy savings.

### For Offices and Computer Labs

Purchase ENERGY STAR labeled **computers, monitors, printers, scanners, fax machines, and copiers** for administrative offices and student computer labs. Powering office equipment is one of the fastest growing uses of electricity consumption in colleges. ENERGY STAR labeled office equipment saves energy by powering down or "going to sleep" when not in use. This saves 60 to 80 percent of the energy that would otherwise be wasted.

### For Student Housing

ENERGY STAR labeled **light fixtures** will illuminate the interior and exterior of student housing while using 50 to 70 percent less electricity than standard incandescent and halogen fixtures. With hundreds of styles of ceiling domes, torchieres, sconces, and cabinet fixtures to choose from, ENERGY STAR labeled fixtures match the look and feel of virtually any interior design. Because the bulbs in these fixtures are long lived, changing bulbs in ceilings, doorways, and other hard-to-

reach spots is minimized. Outdoor fixtures come with sensors that turn off the lights during the day, while some indoor fixtures feature dimming.

Floor-based and portable, ENERGY STAR labeled **torchieres** provide bright light without the fire hazard associated with halogen torchieres. Available in many styles, ENERGY STAR labeled torchieres operate at much lower temperatures than many traditional lamps and provide the same amount of light while using one-third of the electricity.

Most consumer electronics continually consume electricity, even when they are "off." ENERGY STAR labeled **TVs, VCRs, DVDs, and audio equipment** typically have the same or better performance, features, reliability, and price as conventional equipment, but they don't contribute heavily to your electric bill.

**Refrigerators** consume more electricity than any other home appliance. They run 24 hours a day, 7 days a week, for years. ENERGY STAR labeled refrigerators have the latest features, come in a range of sizes, and use 50 percent less electricity than models made just 10 years ago.

ENERGY STAR labeled **clothes washers** use sensors to determine how much hot water a load needs, thus saving energy and water. These machines use nearly 50 percent less water and 30 to 40 percent less energy per load than conventional washers do.

ENERGY STAR® is the way to make your organization more fiscally responsible because it uncovers the links between energy, financial, and environmental performance.

It is a registered mark of the United States Environmental Protection Agency (EPA) and Department of Energy (DOE). Since ENERGY STAR began in 1992, EPA and DOE have forged voluntary partnerships with over 1,600 manufacturing partners. These manufacturers produce more than 11,000 product models in 34 product categories. ENERGY STAR labeled products use less energy than other products, save you money on utility bills, and help protect the environment.

ENERGY STAR is a trusted national brand symbolizing superior energy performance of consumer electronics and appliances as well as office buildings, schools, and homes. To learn more about ENERGY STAR, visit [www.energystar.gov](http://www.energystar.gov), or call the toll-free ENERGY STAR hotline at 1-888-STAR-YES (1-888-782-7937).



## Throughout Your Campus

**Exit signs** that bear the ENERGY STAR label use 35 watts less than incandescent signs, and last over 25 years without changing the bulb! Schools can save \$15 to 20 per unit each year in energy costs. U.S. organizations currently spend around \$1 billion a year to operate exit signs, but could save nearly 800 million kilowatts or \$70 million.

ENERGY STAR labeled **windows** are twice as efficient as the average window produced 10 years ago. Given the high cost of cooling and heating buildings, these windows are a great investment. ENERGY STAR labeled windows can reduce heating and cooling bills, and make the building more comfortable by reducing drafts.

**Heating and cooling** accounts for nearly half the energy used in a building. When properly sized and installed, ENERGY STAR labeled heating and cooling equipment can reduce annual heating and cooling bills by at least 10 percent. With a lifetime of 10 years or more, these systems can save schools money on their energy bills for years to come.

## How Can Your Organization Procure ENERGY STAR Labeled Products?

- Visit [www.energystar.gov](http://www.energystar.gov) and click the "Government," "Schools," or "Your Business" buttons on the side bar. Select "Resources" and click on "Institutional Purchasing Opportunities." These Web pages contain detailed information on all ENERGY STAR labeled products, including product specifications, cost comparison calculators, procurement language, store locators, manufacturer contact information, and communication materials.

- Participate in an Internet Presentation on ENERGY STAR Institutional Purchasing hosted by the Cadmus Group:

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## Five easy steps to procure ENERGY STAR labeled products

1. **Review** purchasing policies and identify product categories where savings exist.
2. **Visit** [www.energystar.gov](http://www.energystar.gov) for product listings. Use the Savings Calculators to determine savings opportunities and life cycle costs.
3. **Coordinate** with the appropriate offices within your organization to encourage the purchase of identified ENERGY STAR labeled products.
4. **Modify** procurement language and educate employees.
5. **Communicate** your success.

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**ENERGY STAR labeled torchieres save about \$30 to \$60 apiece annually in energy bills, returning more money per dollar invested in their purchase than savings accounts, mutual funds, or the S&P 500 Index.**

**Green Mountain College saves more than 260,000 kilowatt hours (kWh) annually since installing ENERGY STAR labeled light fixtures. This is equivalent to removing the air pollution generated from 40 cars annually.**